

of the component on the base to the final installation of the housed component at the job site.

The invention may be practiced in a wide variety of applications with many different types of electrical or electronic components and many different sized housings, utilizing known technology in the light of the teachings of the invention, which are discussed in further detail hereafter.

Other features and advantages will be apparent from the specification and claims and from the accompanying drawings, which illustrate one exemplary embodiment of the invention.

### BRIEF DESCRIPTION OF DRAWINGS

FIG. 1 is a perspective view of an exemplary "prior art" housing system for an electrical component, such as for example a relay, showing the unseen edge surfaces of the enclosure cap or top in dashed lines, with the enclosure top clipped in place onto the base of the housing.

FIG. 2 is a perspective view of an exemplary housing and labeling system for the present invention with all of the parts fully assembled, with the enclosure top clipped in place onto the base of the housing, with the uniquely configured clip used in the present invention, with the unseen edge surfaces of the enclosure cap or top, as well as the clip leg on the underside of the top, being illustrated in dashed lines.

FIG. 3 is a perspective, "close-up" view of the exemplary label holder element used in exemplary embodiment of the invention illustrated in FIG. 2.

### BEST MODE FOR CARRYING OUT THE INVENTION

An exemplary embodiment of the invention is illustrated in FIG. 2 and includes in similar fashion to FIG. 1 a base 10, a clip wire 20 and an enclosure cap or top 30. The base 10 and the housing top 30 are substantially the same as the base 1 and the top 3 of FIG. 1.

However, the distal, central portion 20C (with its undulated portion 20D) of the clip 20 extends diagonally across the flat top of the cap 30, from near one opposed corner to near the other opposed corner, in contrast to extending orthogonally and "vertically" across the middle of the top, as did the analogous portion 2D of the "prior art" clip 2 of FIG. 1.

Additionally, the upper and lower return legs 20A & 20AA, respectively, of the clip 20 each includes a laterally extending, end portion 21 & 22, respectively, each of which end portions extends parallel along and in juxtaposition to the upper and lower end edges 31 & 32, respectively, of the cap 30. This zig-zag run provides greater holding bearing contact between the clip 20 and the enclosure cap 30 and, for the lower return leg 20AA, presents a laterally extending, bottom edge portion from which the label holder 40 can be suspended.

As can be seen in the "close-up" view of FIG. 2, the label holder forms in side, cross-section a "T" configuration, having a flat top, "horizontal" section 41 and a lower or bottom stem section 42. The frontally facing surface 43 provides a good, flat surface, to which, for example, an adhesively backed label can be applied. "Frontally" typically would refer to that side of the stem section 42 facing away from the base 10.

The label typically would include such identifying indicia, as, for example, the type of electrical or electronic component the housing contains, its electrical

characteristics, and its model number, as well as possibly other informational items of interest.

As can be seen in FIG. 2, in comparing it to FIG. 1, the laterally extent of the return legs 20A & 20AA, particularly at the laterally extending end portions 21, 22, in comparison to the undulations 2B, provide greater holding and stability capabilities, which more reliably holds the cap 30 unto the base 10. The end portions 21 & 22 extend across most of the width of the cap 30, extending across a total of, for example, about eight (80%) percent of the total side width of the cap. Thus, the cap 30 will have a greater resistance against being, for example, vibrated off the base, in, for example, such high vibration systems as the modern elevator system.

The wire of the clip wire 20 extends through the attachment junction area at which the top section 41 and the stem or bottom section 42 come together. The label holder 40 can either be fixedly attached to the wire section 22, by being, for example, molded unto it (as illustrated), or it can be pivotally mounted on it by having a hole drilled through it or molded into it, through which hole the wire is slipped. An exemplary dimension for the display surface 46 is a half inch by a quarter inch ( $\frac{1}{2}'' \times \frac{1}{4}''$ ), the size of one of the standard adhesive-backed labels.

The indicia on the label adhered, printed or otherwise applied to the display surface of the label holder 40, tells the worker exactly what component is contained within the housing. When it is desired to gain access to the housing in order to check and/or replace the component, the clip wire 20 is merely pulled or popped off to the side of the housing, with the clip being rotated about the axes provided by the inwardly directed, bent, proximal end tips, which are carried in holes in the base 10.

Although the end portion onto which the label holder 40 is suspended is preferably part of the lower, return leg 20AA of the clip 20, it is possible to include it the central portion 20C at the top of the cap 30. However, suspending it under the cap 30 better protects it from being broken off, and presenting it at the lower, front edge enhances its visibility and readability.

Although this invention has been shown and described with respect to a detailed, exemplary embodiment thereof, it should be understood by those skilled in the art that various changes in form, detail, methodology and/or approach may be made without departing from the spirit and scope of this invention.

Having thus described at least one exemplary embodiment of the invention, that which is new and desired to be secured by Letters Patent is claimed below.

We claim:

1. A two-part housing for an electrical or electronic component, including a base on which the component is carried and a removable enclosure cap which is supported on the base, and a resilient, wire-like clip attached to the base and extending along and over the cap for compressively holding the base and cap together covering over the component, wherein the clip comprises:

wire-like material having a laterally extending portion extending across a substantial amount of the width of the cap, at least a portion of said wire-like material being displaceable to allow the enclosure cap to be removed; and

an indicia carrying holder suspended from said laterally extended portion and having a frontally pres-